

CLAIMS

1. A soil-solidifying agent comprising as an active ingredient neutral anhydrous magnesium oxysulfate prepared by adding 1 mole of concentrated sulfuric acid to 3 to 5 moles of magnesium oxide while stirring and reacting them at a reaction temperature of 105°C or higher.

2. A soil-solidifying agent comprising as an active ingredient neutral anhydrous magnesium oxysulfate prepared by adding 1 mole of magnesium sulfate to 3 to 5 moles of magnesium oxide and reacting them with heat at 105°C or higher.

3. A soil-solidifying agent composition, obtained by adding 2 to 15 parts by weight of gypsum and 0.5 to 10 parts by weight of ketocarboxylic acid or oxycarboxylic acid as a setting retarder to 100 parts by weight of the neutral anhydrous magnesium oxysulfate according to claim 1 or 2.

4. Use of the neutral anhydrous magnesium oxysulfate according to claim 1 or 2 as a soil-solidifying agent.

5. A method of solidifying soil with the neutral anhydrous magnesium oxysulfate according to claim 1 or 2.